

CLAIMS

1. Method for controlling the forwarding quality in a data network comprising a measurement manager comprising means for performing end-to-end measurements between nodes in said data network and a Network Resource Manager, NRM, comprising means for obtaining information of the network topology, the method is **characterised in** that it comprises the steps of:

-*transferring* the obtained information of the network routing topology from the NRM to the measurement manager or transferring a result of the performed end-to-end measurements from a measurement manager to the NRM, and

-*combining* said end-to-end measurements and said obtained information of the network routing topology into a first information set in order to detect correlated and uncorrelated paths.

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2. Method according to claim 1, comprising the further step of:

-*combining* said first information set with information on data flow presence at individual out-interfaces.

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3. Method according to claim 1, comprising the further step of:

-*scheduling* the transfer of the obtained information of the network routing topology over time or initiating the transfer of the obtained information of the network routing topology periodically.

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4. Method according to claim 1, comprising the further step of:

-*scheduling* the transfer of the result of the performed end-to-end measurements over time or initiating the transfer of the result of the performed end-to-end measurements periodically.

5. Method according to claim 1, comprising the further step of:
-requesting the transfer of the obtained information of the network routing topology explicitly by a master manager such as a measurement manager.
- 10 6. Method according to claim 1, comprising the further step of:
-requesting the transfer of the result of the performed end-to-end measurements explicitly by a master manager such as an NRM.
- 15 7. Method according to claim 1, comprising the further step of:
-triggering the transfer of the obtained information of the network routing topology by specific events in a slave manager such as the NRM defined by a master manager such as the measurement manager.
- 20 8. Method according to claim 1, comprising the further step of:
-triggering the transfer of the result of the performed end-to-end measurements by specific events in a slave manager such as the measurement manager defined by a master manager such as the NRM.
- 25 9. A computer program product directly loadable into the internal memory of a computer within one or more nodes in a data network, comprising the software code portions for performing the steps of any of claims 1-8.
10. A computer program product stored on a computer usable medium, comprising readable program for causing a computer, within one or more nodes in a data network to control an execution of the steps of any of the claims 1-8.